

A & L WESTERN AGRICULTURAL LABORATORIES

1311 WOODLAND AVE #1 • MODESTO, CALIFORNIA 95351 • (209) 529-4080 • FAX (209) 529-4736



REPORT NUMBER: 15-134-077

CLIENT NO: 5441-D

SEND TO: TERRA RENEWAL DBA DENALI WATER
12812 VALLEY VIEW #9
GARDEN GROVE, CA 92845

SUBMITTED BY:

CUSTOMER: MERCED

LAB NO: 24892

DATE: 06/01/2015

ORGANIC FERTILIZER REPORT

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| SAMPLE ID | REPORT OF ANALYSIS IN PERCENT | | | | | | | | | REPORT OF ANALYSIS IN PARTS PER MILLION | | | | | | |
|-----------|-------------------------------|--------------|---|-------------|-------------------------|----------|--------------|------------|-----------|---|-------------|--------------|-----------|---------|------|--|
| | Nitrogen N | Phosphorus P | Phosphate P ₂ O ₅ | Potassium K | Potash K ₂ O | Sulfur S | Magnesium Mg | Calcium Ca | Sodium Na | Iron Fe | Aluminum Al | Manganese Mn | Copper Cu | Zinc Zn | B | |
| PATTERSON | 5.70 | 1.99 | 4.56 | 0.410 | 0.494 | 1.130 | 0.670 | 2.470 | 0.220 | 6574 | 4766 | 118 | 269 | 871 | 68.0 | |

| SAMPLE ID | POUNDS OF NUTRIENTS / TON | | | | | | | | | | | | | | | |
|-----------|---------------------------|--------------|---|-------------|-------------------------|----------|--------------|------------|-----------|---------|-------------|--------------|-----------|---------|-----|--|
| | Nitrogen N | Phosphorus P | Phosphate P ₂ O ₅ | Potassium K | Potash K ₂ O | Sulfur S | Magnesium Mg | Calcium Ca | Sodium Na | Iron Fe | Aluminum Al | Manganese Mn | Copper Cu | Zinc Zn | B | |
| PATTERSON | 114.0 | 39.8 | 91.2 | 8.2 | 9.9 | 22.6 | 13.4 | 49.4 | 4.4 | 13.1 | 9.5 | 0.2 | 0.5 | 1.7 | 0.1 | |

- ☐ Reported on an as-received basis Moisture =
- ☒ Reported on a dry basis Moisture = 81.55%

Remarks: To convert to pounds of nutrients/ton as received, multiply pounds of nutrients/ton as reported by (100 - moisture %)/100.

pH = 7.4
C:N Ratio = 7:1
Soluble Salts = 3.6 dS/m
Organic Matter = 69.41 %
Ammonia Nitrogen = 0.375 %
Nitrate Nitrogen = <0.003 %
Chloride = 0.44 %
Organic Nitrogen = 5.33 %
Volatile Solids = 69.41 %

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This report applies only to the sample(s) tested. Samples are retained a maximum of thirty days after testing.


Robert Butterfield

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